

AUSTRALIAN ANGLO AMERICAN LIMITED

068

PROSPECT: E.L. 22/80

AREA: SOUTH ESK

STATE: TASMANIA

Bore no: D 2

Commenced time: 2:45 PM

Date: 12.2.81

Machine: GEMCO 2108

Casing shoe diameter: Ext. 9.0  
Int. 7.5

Off-set: 5m @ 131°

Completed time: 1.30 PM

Date: 15.2.81

Foreman/panner: A. JACKSON

Supervisor: S. DOUGLASS

SHEET 1/6

Collar level: \_\_\_\_\_

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths cu m)		ACTUAL VOLUME			WT OF MATERIALS (Kg)	WT (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000ths cu.m)	cum. (1000ths cu.m)	section vol. rec. (%)		SANDS/GRAVELS			CLAY	actual wt. (g) recovd.	PW (mg) per g. ash	metre-gram	cum. metre-gram		prog. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
0-1	1	Brown Sands & clays	F			6.0	6.0		7.8					14.33	=				Cased only
1-2	1	Brown-ochre sandy clay	S			5.0	11.0		6.8					22.36	=				Drilled then cased (1 colour)
2-3	1	ochre & grey clay	S			3.0	14.0		4.6					20.81	=				
3-4	1	Quartz, sandstone shale & dolerite chips & gravel; Sands	F			8.0	22.0		13.5					26.45	FR 0.33				
4-5	1	Quartz, sandstone shale & dolerite chips & gravels	F			30.0	52.0		49.3					11.51	0.55 47.35				(5 colours)
5-6	1	Quartz, sandstone, shale & dolerite gravels with coal fragments	F			20.0	72.0		32.4					25.36	=				

069

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: E.L. 22/80

AREA: SOUTH ESK

STATE: TASMANIA

Bore no: D2

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman, panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

SHEET 2/6

Collar level: \_\_\_\_\_

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL (1000 lbs. cu.m.)		ACTUAL VOLUME			WT OF MATERIALS (Kg)	WT. (%)			FIELD CONCENTRATE					REMARKS		
				section	cum	section	cum	section		vol	SANDS/GRAVELS			CLAY	actual wt (g) record	Au (mg) (ppm) P <sub>2</sub> O <sub>5</sub> (ppm) Cu (ppm)	metre-gram		cum. metre-gram	prog. wt. (g) per cu. m.
											+10 mm	-10 m + 20 #	-20 #							
6-7	1	Dark grey - black sands with coal fragments.	F			5.0	77.0		7.1					30.0	-					Large amount of pyrite in concentrate
7-8	1	" "	F			25.0	102.0		37.5					24.23	0.13 5.36					Casing pulled after 8.0m. to replace shoe. Partial collapse of pipe & subsequent redrilling gave large sample (1 colour)
8-9	1	Dark grey - black clayey sand with coal fragments	F			10.0	118.0		24.4					18.27	-					
9-10	1	" " "	F			10.0	128.0		14.8					16.32	TR 0.133					
10-11	1	" " "	F			8.0	136.0		13.7					19.40	TR 0.010					
11-12	1	" " "	F			10.0	146.0		14.8					13.41	TR 0.033					

Bottomed / Unbottomed at \_\_\_\_\_ metres on \_\_\_\_\_ bedrock.

Average field grade \_\_\_\_\_ g. per cu. m.

949124

AUSTRALIAN ANGLO AMERICAN LIMITED

070

PROSPECT: EL 22180

AREA: SOUTH ESK

STATE: TASMANIA

Bore no: D2

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

SHEET 3/6

Collar level: \_\_\_\_\_

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000ths. cu.m.)		ACTUAL VOLUME			WT OF MATERIALS (kg)	WT (%)			FIELD CONCENTRATE				REMARKS		
				section	cum	section	cum	section		SANDS / GRAVELS			CLAY	actual wt (g) record	TR (g) per 100g	cum. metre-gram		cum. metre-gram	prog. wt. (g) per cu. m.
										(1000ths. cu.m.)	(1000ths. cu.m.)	vol. rec. (%)							
12-13	1	Grey-black clayey sand with small coal fragments.	F			10.0	156.0		23.3					20.30	TR 0.050				Cored. 1.0 m of unconsolidated material recovered.
13-14	1	" "	F			14.0	170.0		16.8					28.88	TR 0.147				Drilled then cased.
14-15	1	Grey-black sandy clay with coal particles	F			14.0	184.0		13.8					20.65	TR 0.10				
15-16	1	Grey clayey sands with coal particles; Quartz & dolerite chips; quartz & shale chips & gravel	F			9.0	193.0		20.7					16.97	-				
16-17	1	Quartz & dolerite chips & gravels with coal particles	F			10.0	203.0		15.5					8.91	-				

949125

AUSTRALIAN ANGLO AMERICAN LIMITED

071

PROSPECT: EL 22/80

AREA: South Esk

STATE: TASMANIA.

Bore no.: D2

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman/panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

SHEET 4/6

Collar level: \_\_\_\_\_

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL (1000ths cu.m)		ACTUAL VOLUME			WT OF MATERIALS (kg)	WT (%)			FIELD CONCENTRATE					REMARKS	
				section	cum	section (1000ths cu.m)	cum (1000ths cu.m)	section vol. rec. (%)		SANDS/GRAVELS			CLAY	actual wt (g) recovd.	FR (mg per 100g) FR (ppm) cum.	metre-gram	cum. metre-gram		prop. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
17-18	1	Quartz & dolerite chips & gravels with coal fragments	F			14.0	217.0		23.4					19.76	0.03 1.51				Cored. No recovery.
18-19	1	" " with grey clay.	F			19.0	236.0		20.4					22.86	FR 0.131				
19-20	1	" " "	F			20.0	256.0		26.1					30.00	FR 0.042				
20-21	1	Grey-black clay with quartz sands & gravels; coal fragments.	F			16.0	272.0		18.7					15.46	-				
21-22	1	Grey black clay with quartz sands & gravels; coal fragments. At 21.8 - large chips of red quartz sandstone.				19.0	291.0		29.0					26.95	0.01 0.222				

949126

072

## AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22180AREA: SOUTH ESKSTATE: TASMANIA.Bore no: D2

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman: \_\_\_\_\_  
panner \_\_\_\_\_

Supervisor: \_\_\_\_\_

SHEET 5/6

Collar level: \_\_\_\_\_

DEPTH (m)	THICKNESS (m)	DESCRIPTION OF GROUND	TENACITY	THEORETICAL VOL. (1000 lbs. cu. m.)		ACTUAL VOLUME			WT OF MATERIALS (%)	WT. (%)			FIELD CONCENTRATE					REMARKS	
				section	cum.	section (1000 lbs. cu. m.)	cum. (1000 lbs. cu. m.)	section vol. rec. (%)		SANDS / GRAVELS			CLAY	actual wt. (g) recovd.	P <sub>2</sub> O <sub>5</sub> (mg) / (ppm)	metre-gram	cum. metre-gram		prog. wt. (g) per cu. m.
										+10 mm	-10 m + 20 #	-20 #							
22-23	1	Alternating layers of blue-grey clay, & dolerite & quartz chips & gravels	F			9.0	300.0		18.6					19.49	TR 0.022				Drilled only. Not cased.
23-24	1	" " "	F			9.0	309.0		13.8					29.12	TR 0.024				" " "
24-25	1	" " "	F			3.3	32.3		5.9					21.79	TR 0.035				" " "
25-26	1	" " "	F			9.0	321.3		11.7					30.00	TR 0.017				" " "
26-27	1	" " "	F			9.0	330.3		10.1					23.04	TR 0.022				" " "
27-28	1	" " "	F			5.0	335.3		5.8					27.77	TR 0.050				" " "
28-29	1	" " "	F			5.0	340.3		7.4					30.00	TR 0.032				" " "
29-30	1	" " "	F			5.0	345.3		8.3					30.00	0.03 0.035				" " "

Bottomed / Unbottomed at \_\_\_\_\_ metres on \_\_\_\_\_ bedrock

Average field grade \_\_\_\_\_ g. per cu. m.

940137

